

**EXECUTIVE SUMMARY
US 60, LIVINGSTON COUNTY
RECONSTRUCT FROM 0.5 MILE EAST OF DYER HILL MINE ROAD
TO LIVINGSTON CENTRAL MIDDLE SCHOOL
ITEM NO. 1-184.00**

The project begins about 0.5 mile east of Dyer Hill Mine Road and extends east to the Livingston Central Middle School. The project is expected to consist of a two-lane road; however, an eastbound truck-climbing lane may be needed. Turning lanes will need to be considered at both the school property and the limestone quarry. The length of the project along the existing route is 2.137 miles (MP 17.163 to 19.300).

Year 2000 traffic on US 60 in the project area is about 3,300 vpd. By Year 2026 this traffic volume is expected to increase to about 6,300 vpd.

Based on public involvement input, goals established for the project are as follows:

- Improve vertical and horizontal alignments to provide adequate sight distance.
- Increase safety and reduce maintenance by providing a roadway section that meets current standards.
- Provide corridor and systems connectivity between improved and future improvements on US 60.
- Consider turning movements at Livingston Central Middle School and the limestone quarry.
- Support economic development within Livingston County and along the Paducah to Henderson corridor.

Major issues and concerns for the project are as follows:

- The existing roadway has deficient vertical alignment, horizontal alignment, roadway widths, shoulder widths, and sight distance. Local officials, residents, and emergency response personnel feel that these items contribute greatly to the number and seriousness of the accidents that occur within the project limits.
- The project has the potential to impact streams, wetlands, a natural spring, one church, and two cemeteries.
- The Gray bat, Indiana bat, and Price's Potato Bean are threatened and endangered species in the area.
- Three archeological sites occur within the project limits.
- The abandoned Dyer Hill Mine should be avoided. Potential problems associated with the mine are subsidence due to collapse of mineshafts, contamination of excavated materials, and contamination of water. Numerous faults exist in the mine area that could cause unstable cut slopes, require additional excavation, or create groundwater control problems.
- The project area currently lies outside the current ozone maintenance area; however, the entire county has the potential to be designated by EPA as non-attainment.
- Further coordination with the limestone quarry should be conducted to identify if the project would impact their planned pit expansion.
- A Section 4(f) exemption for the Livingston County Public School property is not expected; however, further coordination with the school system is encouraged in order to determine how the project might affect their operations.

Project phase costs were reevaluated, and the following costs are proposed:

<u>Phase</u>	<u>Current and Recommended Estimate</u>
Planning/Design	\$750,000
Right of Way	\$1,250,000
Utilities	\$1,000,000
Construction	<u>\$10,000,000</u>
Total Cost	\$13,000,000

No commitments were made during the planning phase of the project.